

EXHIBIT A

ASSIGNMENT

WHEREAS, WE, David G. Bermudes (a citizen of the United States of America residing at 524 North Main Street, Wallingford, Connecticut, 06492), Ivan C. King (a citizen of the United States of America residing at 65 Blue Hills Road, New Haven, Connecticut, 06473), Caroline A. Clairmont (a citizen of the United States of America residing at 80 Merwin Circle, Cheshire, Connecticut, 06410), Stanley L. Lin (a citizen of the United States of America residing at 173 Old Toll Road, Madison, Connecticut, 06443) and Michael Belcourt (a citizen of the United States of America residing at 9 Algonquin Drive, Wallingford, Connecticut, 06492), ASSIGNORS, are the inventors of the invention in **COMPOSITIONS AND METHODS FOR TUMOR-TARGETED DELIVERY OF EFFECTOR MOLECULES** for which we have executed an application for a Patent of the United States

- which is identified by Pennie & Edmonds LLP docket no. 8002-059-999
- which was filed on August 24, 2000, Application No. 09/645,415

and WHEREAS, VION PHARMACEUTICALS, INC., ASSIGNEE, having a principle place of business at Four Science Park, New Haven, Connecticut, 06511, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:


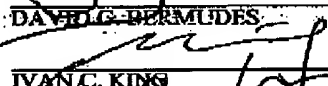
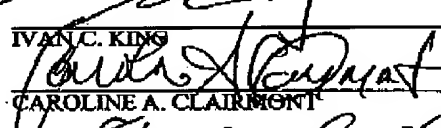
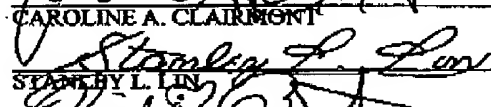

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States provisional application and all applications claiming priority thereto under 35 U.S.C. §119(c) and divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	<u>Sept 28,</u>	2001		L.S.
			DAVID G. BERMUDES	
Date	<u>September 28,</u>	2001		L.S.
			IVAN C. KING	
Date	<u>Sept 28</u>	2001		L.S.
			CAROLINE A. CLAIRMONT	
Date	<u>September 28</u>	2001		L.S.
			STANLEY L. LIN	
Date	<u>September 28</u>	2001		L.S.
			MICHAEL BELCOURT	

State of Connecticut }
County of New Haven } SS.:

In the State of Connecticut, county of New Haven, on Sept. 28, 2004 before me, Shen L. Green Notary Public, personally appeared David G. Bermudes, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Shen L. Green (Signature)

State of Connecticut }
County of New Haven } SS.:

In the State of Connecticut, county of New Haven, on Sept. 28, 2004 before me, Shen L. Green Notary Public, personally appeared Ivan C. King, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Shen L. Green (Signature)

State of Connecticut }
County of New Haven } SS.:

In the State of Connecticut, county of New Haven, on Sept. 28, 2004 before me, Shen L. Green Notary Public, personally appeared Caroline A. Clairmont, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Shen L. Green (Signature)

State of Connecticut }
County of New Haven } SS.:

In the State of Connecticut, county of New Haven, on Sept. 28, 2004 before me, Shen L. Green Notary Public, personally appeared Stanley L. Lin, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Shen L. Green (Signature)

State of Connecticut }
County of New Haven } SS.:

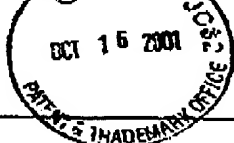
In the State of Connecticut, county of New Haven, on Sept. 28, 2004 before me, Shen L. Green Notary Public, personally appeared Michael Belcourt, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Shen L. Green (Signature)

10-29-2001

Express Mail No. EL 501 741 912 US



101888255

R SHEET
YAttorney Docket Number
8002-059-999TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

10/16/01
David G. Bermudes, Ivan C. King, Caroline A.
Clairmont, Stanley L. Lin and Michael BelcourtAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: September 28, 2001

2. Name and address of receiving party(ies):

Name: Vion Pharmaceuticals, Inc.Address: Four Science Park, New Haven CT 06511

Country (if other than USA): _____

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s)

09/645,415, filed August 24, 2000

B. Patent No(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 10036

6. Number of applications and patents involved: _____

7. Total fee (37 CFR 3.41): \$ 40.00

Please charge to the deposit account listed in Section 8.

8. Deposit account number:

16-1150

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Geraldine F. Baldwin

31,232

Name of Person Signing Reg. No.

Signature

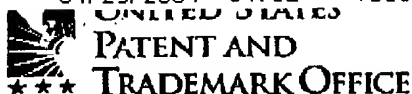
October 16, 2001

Date

Total number of pages including cover sheet:

3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231



JANUARY 07, 2002

PTAS

Chief Financial Officer and Chief Administrative Officer
Washington, DC 20231
www.uspto.govPENNIE & EDMONDS LLP
GERALDINE F. BALDWIN
1155 AVENUE OF THE AMERICAS
NEW YORK, NY 10036

101888255A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/16/2001

REEL/FRAME: 012277/0251
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BERMUDES, DAVID G.

DOC DATE: 09/28/2001

ASSIGNOR:

KING, IVAN C.

DOC DATE: 09/28/2001

ASSIGNOR:

CLAIRMONT, CAROLINE A.

DOC DATE: 09/28/2001

ASSIGNOR:

LIN, STANLEY L.

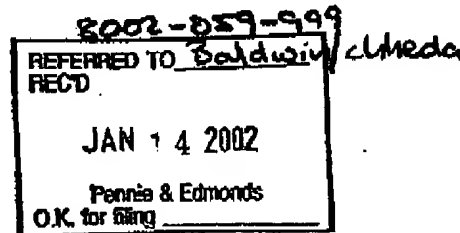
DOC DATE: 09/28/2001

ASSIGNOR:

BELCOURT, MICHAEL

DOC DATE: 09/28/2001

ASSIGNEE:

VION PHARMACEUTICALS, INC.
FOUR SCIENCE PARK
NEW HAVEN, CONNECTICUT 06511

012277/0251 PAGE 2

SERIAL NUMBER: 09645415/
PATENT NUMBER:

FILING DATE: 08/24/2000
ISSUE DATE:

DIANE RUSSELE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS